What can We, the Trainers Do for the Testers?

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What can We, the Trainers Do for the Testers?

- Policy
- Cross Functional Training (Short Term)
- Evaluate Tactics / Doctrine
- Assets (People, Equipment, Threats)
- Events and Schedule (Knowledge / Integration)
- Data Collection
- Simulations

What can We, the Trainers Do for the Testers?

- Trainer - priorities for
  - Operational Context
  - Shortfalls and Needs
- Trainer - in unique position between
  - The System Engineer
  - The Warfighter

  to evaluate / critique the "Heart of the Envelope"

What can We, the Trainers Do for the Testers?

- Need Better Cross-over between
  - Training Personnel
  - Testing People
- Need Parallel Integration
  - Technical / Teacher Level
  - Test / Training Command Level

What can We, the Trainers Do for the Testers?

- Major Exercises (NTC Experience)
  - Piggy-back Tests on Training Evolution
  - Benefit: Cost Savings
  - Risk: Distortion of Training Results
- Opportunities for Distributed Collaboration
  - Unique Facilities
  - Problems associated with Federal Release of Spectral Bandwidth

What can We, the Trainers Do for the Testers?

- Common Architecture for
  - Instrumenting Training
  - Instrumenting Tests
- Separate the Essence from the Implementation
  - Runtime
  - Reconstruction
  - Different Needs

What can We, the Trainers Do for the Testers?

- Trainer-generated Data Set
  - Voluminous (relative to test data)
  - Low Resolution
    (relative to tester's purpose)
- Validation by Warfighter-in-the-Loop
  - Baseline for Excursions
    (Voluminous, Low Resolution)
  - Creditability and Relevance

What can We, the Trainers Do for the Testers?

- Digital Data Collection
  - Embedded Meta-Data
  - for ex-Post Facto Reconstruction
  - for Multiple End Users